

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Satoshi TANDA et al.**

Serial No.: **Not yet assigned**

(§371 of international application No. PCT/JP2003/006282)

Filed: **May 19, 2005**

For: **TRANSITION-METAL CHALCOGENIDE CRYSTAL WITH
TOPOLOGICAL STRUCTURE AND METHOD FOR FORMING SAME**

Attorney Docket Number: **052249**

Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Date: May 19, 2005

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08 and cited in the enclosed international search report. A copy of each non-U.S. document is enclosed herewith.

Although these documents are categorized as "X" in the international search report, these documents were NOT published more than one year prior to the international filing date, which is the date of the application for patent in the United States.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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Enclosure: PTO/SB/08, 3 documents and international search report.

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Combined Form PTO/SB/08A&B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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First Named Inventor

Satoshi TANDA et al.

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052249

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 2002/0117467 A1		08-29-2002	Satoshi TANDA et al.
		US			
		US			
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		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	2002-255699		09-11-2002	Komatsu Ltd.	Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		Satoshi TANDA et al.; "A Möbius strip of single crystals", Nature, Vol. 417, pp. 397-398, May 23, 2002. Cited in the enclosed international search report.	Yes
		Satoshi TANDA et al.; "Topological Bushitsu, Solid state physics", Vol. 37, No. 8, pp.17-26. August 15, 2002. Cited in the enclosed international search report.	No.

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.